(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 28 July 2005 (28.07.2005)

PCT

(10) International Publication Number WO 2005/068061 A1

- (51) International Patent Classification⁷: B01F 7/16, B02C 13/14, 19/06, B04B 5/12, C02F 1/38, F26B 11/14, B09B 3/00
- (21) International Application Number:

PCT/AU2005/000037

- (22) International Filing Date: 14 January 2005 (14.01.2005)
- (25) Filing Language:

English

(26) Publication Language:

English

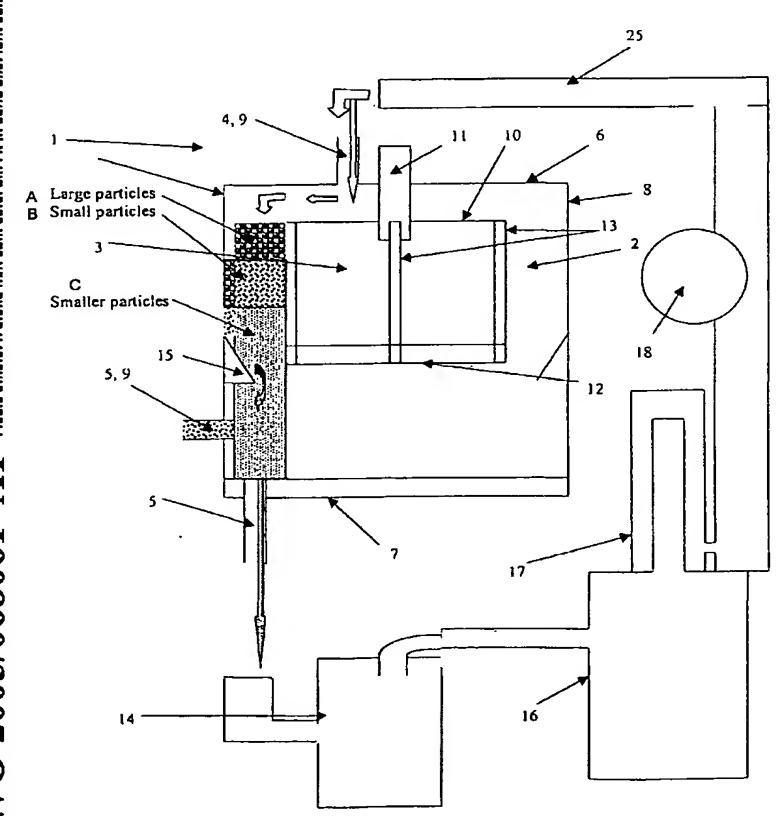
(30) Priority Data: 2004900217 16 January 2004 (16.01.2004) AU

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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: PROCESSING APPARATUS AND METHODS



(57) Abstract: The invention relates to processing apparatus and methods and in particular, but not exclusively, to an apparatus that may be used to process a wide variety of feed materials by one or more of milling or grinding, mixing, blending, separation, drying and sterilisation. In a preferred embodiment there is provided a feed material processing apparatus (1) comprising: a chamber (2); at least one inlet (4) in flow communication to an upper region of the chamber (2); a rotor (3) located within the chamber (2) that is rotatable about a substantially vertical axis by a rotation drive (11), wherein the rotor (3) promotes a circulatory flow of feed material and/or gas within the chamber (2); at least one outlet (5) in flow communication from a lower region of the chamber (2). Preferably the apparatus (1) comprises at least one feature located laterally on the rotor (3) to promote the circulatory flow.

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(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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